



L.A.R.C.
P.O. Box 2571
Thunder Bay ON
P7B 5G1

Hi-Q

November, 1992

Meetings: 7:30 P.M.
2nd Thursday each month
Room 210, McIntyre Building,
Confederation College.

CARF SPECIAL NEWS BULLETIN OCTOBER 12, 1992

ARE YOU HAPPY WITH DOC?

The federal government wants to know if you are satisfied with the DOC's spectrum management services. During October, they will launch a national client satisfaction survey. This is part of a program to make government more responsive to their client's needs. CARF members, who may be included in the survey, are asked to co-operate in answering any questions. The information gained from these interviews will assist the Department in setting policy and operational objectives in the future and in developing standards of service. There are apparent problems!

While CARF applauds the DOC's recent amateur service restructuring, we are concerned over the Department's apparent inability to respond to other needs of the amateur service in recent years. The demand for spectrum management services has grown steadily, while the DOC resource levels available to manage the spectrum has remained relatively unchanged, perhaps even reduced. Commissioning a survey seems problematic and costly.

CARF is aware of incidents where the DOC cannot assist amateurs because of other priorities and lack of staff. Some of these incidents concern serious questions whereby local governments institute restrictive bylaws which appear to ignore and override the federal government's jurisdiction over the installation of antennas and antenna structures. The DOC's apparent inability to effectively resolve such issues tend to undermine their credibility with governments and amateurs alike.

In addition, there are problems concerning electromagnetic compatibility matters (household electronic apparatus susceptible to R.F.) which DOC seem powerless to resolve. There is a serious need for effective industry standards to eliminate trouble created by R.F. susceptible consumer products. DOC is apparently waiting to see what the FCC is going to do first! In the meantime, to keep peace with their neighbours, amateurs are forced to voluntarily keep off the

air even though their station is licensed by DOC and their equipment is functioning properly.

CARF doubts the effectiveness of this survey if it does not contact the people who are experiencing and dealing with these serious spectrum management problems. We doubt its usefulness if DOC are not funded and staffed to address and resolve these existing critical issues. We do not know the credentials of the surveying firms nor the details of the mandate provided them by the DOC. Under the circumstances, while we welcome constructive analysis, we doubt the survey will result in substantive improvement unless major changes take place at DOC.

*** END OF SPECIAL CARF NEWS BULLETIN ***

From VE37VCA 12-Oct 18:07. Message #46208 on VE3TKA/BBS.

Local Scene

CRRL is assisting a ham in Thunder Bay, Ontario who has been charged by a neighbour with public mischief in relation to an RFI problem. The dispute is continuing even though the amateur was found "clean" by Communications Canada.

*From: CRRL Bulletin 13, CRRL Headquarters, London Ont.
October 16, 1992.*

Pre-trial court date now set for November 26, 1992. Ed.

New Issue — Communications Canada RIC 24, Issue 5, September 1st, 1992.

RIC 24 provides information on the amateur operator's certificate examination and is now available free from any DOC office.

Remembrance Day Special Event

The Guelph Amateur Radio Club will operate VG3W, a special event amateur radio station at the McCrea House Museum from November 7 to 11, 1992. The event commemorates the fallen of both World Wars.

Journal of the Lakehead Amateur Radio Club

Minutes of a meeting of the
Lakehead Amateur Radio Club
held at Confederation College, Room 210, McIntyre Building.
October 08 1992 at 17:35

Present:	Terry Stewardson	VE3TKA	President
	Eric Todd	VE3XET	Secretary
	Skip Wright	VE3BBS	Treasurer
	Norm Bell	VE3XRC	Director
	Dave McClenaghan	VE3DOM	" "
	Glen Wallace	VE3ICY	" "
	Jim O'Brien	VE3UA	Hi-Q
	Mark Vukovich	VE3VUK	Past Pres.

Agenda Items:

1. Review of Previous Minutes

Motion to accept minutes as printed in Hi-Q made by Eric Todd seconded by Mark Vukovich.

2. Treasurers Report

Reported expenses for the period September the second to October the seventh 1992 was \$1,517.46 and an income for the same period was \$2,475.93. Leaving a reported balance in the bank of \$2,637.02 when added to previous balance.

Motion to accept the treasurers report made by Mark Vukovich and seconded by Mike Nawrocki.

3. Presidents Report

A: Terry reported that Gerry Lyngstad suggested that the old monitoring station out on John Street Road might be used as a site for our club station. Gerry advised that some repairs to the building were required, and that the Department may more easily justify the expense if there were potential tenants. Heat and hydro etc. are concerns of interest as well.

Motion to look into getting the site as a club station made by Mark Vukovich and seconded by Pat Pugh.

B: A reply was received after a letter was sent to the M.N.R. requesting a possible repeater site on the Hazelwood tower. The reply stated that there was no possibility of a non-government agency getting room at the site.

Action: Send a reply to their letter thanking them for their time.

C: Terry reported that repeater, VE3TBT, which he and others have been working on, is primarily intended to be an experimental repeater. Operating on 147.390 with + split, it is open to all. He is looking for alternate test sites for path evaluations from a variety of locations.

4. Other reports

A: Glen Wallace reported the 900 MHz. phone link is working but now antennae construction and system burn in was required.

B: Skip Wright reported on the repairs to repeater site VE3YQT. The heliax requires repairs and mounting in some areas. Laurie Bridgett has about 80 feet of heliax and connectors needed for the repairs. A separate room may be made available to the club for the repeater and phone link racks. If the work is completed by members, the estimated \$1,000.00 cost of repairs proposed last month will be very much less.

Other related comments by Skip included the possibility of a link across Lake Superior to W9HRO in Grand Marais, however that may require a 5 or 7 element beam.

C: An update on VE3TBR by Lindo Scalese reported the new radios required re-wiring to properly interface with the controller. The TRS 80 will be replaced by an IBM, Lindo is working on the controller.

D: Jim O'Brien reported Call-Book progress. Sault St. Marie amateurs have requested that they be included in the Call-Book and have provided a disk listing Algoma District Amateurs. The next version of the Call-Book should be out by the end of October or early November.

Old Business

There was no old business brought forth.

New Business

A: Discussion about a RFI-TVI Committee, was lengthy after it was explained that the DOC after it's reorganization had no time to take care of this problem. A show of support was shown by the members to form a committee to look into getting more information on the subject.

B: The subject of storing club owned equipment in various members' private homes was brought forth by Lindo Scalese. He suggested that a lot of club equipment at his residence could be disposed of, and asked what should be done with it.

A motion to list club assets, indicating condition and location was made by Glen Wallace and seconded by Mark Vukovich. A change to this motion was suggested and agreed to by both mover and seconder that the lists be presented at the next meeting for the club to decide whether or not to dispose of the equipment deemed unusable or sell it.

B1: Pat Pugh reported on the DX communication with Brian Nicholls G8VCO (VE3UKX) in England. Until recently, he has not had a good antenna, but now has access to a club station, G3XYZ. He will try to contact Thunder Bay stations on 14.140 MHz. every Thursday 15:00 local time as G3XYZ.

C: Code practice for the club requires people to help. Norm Bell reported he will be running classes out of his residence again this year every Thursday night. Some discussion followed concerning the possibility of running code on VE3TBR and VE3TBT.

Other Business

A: Dave McClenaghan stated that because of his impending move to southern Ontario he would have to resign as a director. A bi-election will take place at meeting next month.

B: Ed Baumann suggested that the flyer, advertising the fall Ham classes (mailed with the October Hi-Q), be posted by all in spots where they will be seen.

C: Discussion regarding the purchase of a DVR (digital voice recorder) for VE3YQT resulted in a motion by Mark Vukovich, seconded by Skip Wright to purchase a DVR. Skip advised that the cost was \$1,811.00 many months ago but may be as high as \$2000.00 now. The motion was suspended till next month pending receipt of a current price.

Motion to Close

The motion to close the meeting was made by Mark Vukovich and seconded by Barry Hunter.

Next Meeting will be on November 12, 1992.

Journal of the Lakehead Amateur Radio Club

Governor Lauds Amateurs

QST de W1AW
 Special Bulletin 38 ARLX038
 From ARRL Headquarters
 Newington CT October 22, 1992
 To all radio amateurs

Florida Governor Lawton Chiles has recognized the work of Amateur Radio operators in Florida following Hurricane Andrew in August. Chiles wrote the following to the ARRL:

"On behalf of the state of Florida, I am writing to thank the many amateur radio operators who assisted in the Hurricane Andrew relief effort.

"Scores of amateur radio operators rallied to south Florida from across the United States, helping to provide desperately needed communications to local, state, and federal agencies.

"They provided moral and physical support to local amateur radio operators, many of whom had suffered severe damage to their homes, yet provided around-the-clock communications at emergency operation centers, food distribution centers, and field medical facilities.

"Hundreds more assisted at their home stations around the country, passing health and welfare messages to concerned relatives of south Floridians.

"The amateur radio service can be proud of its members, who time and time again serve the country unselfishly. The state Florida owes them a debt of gratitude and thanks."

NNNN

===== End of message #48135 =====

Thursday Ham Classes

The L.A.R.C. amateur radio classes have been launched for another year. If our introductory lecture was any indication we should have a pretty full classroom again this year, but we won't know for sure the exact number until October 29th. Several club members have also expressed an interest in auditing the classes, and members are always welcome to attend any class. Instructors are also urgently required, so if you have a hankering to teach give me a shout. If you are hesitant to teach, but have a neat demonstration, talk to me and we can give over a portion of the class time for your demo. I'm really looking forward to instructing this class, there is a really wide range of people in terms of interests, gender and age. A very special thank you to Mike VE3HZW for the TV spots. They were very well received. If you see Mike, please take the time to say thanks, his kind of help is invaluable to the club. See you in class!

Ed VE3SNW

Special Prefixes for CARF's 25th Anniversary

DOC has authorized all Canadian Amateurs to use special prefixes to mark the 25th Anniversary of CARF.

The following prefixes are authorized for two 48 hour periods:

VO1 (Newfoundland) may use VO9
 VO2 (Labrador) may use VO0
 VE1 (New Brunswick and Nova Scotia) may use VD1
 VE2 (Quebec) may use VD2
 VE3 (Ontario) may use VD3
 VE4 (Manitoba) may use VD4
 VE5 (Saskatchewan) may use VD5
 VE6 (Alberta) may use VD6
 VE7 (British Columbia) may use VD7
 VE8 (Northwest Territories) may use VD8
 VY1 (Yukon) may use VY3
 VY2 (Prince Edward Island) may use VY4

The two 48 hour periods authorized are:

0000 UTC 24 October to 2359 UTC 25 October
 0000 UTC 28 November to 2359 UTC 29 November

These periods coincide with the CQ WW DX SSB and CQ WW DX CW contests.

from Dave Goodwin VE2ZP

L.A.R.C. Membership

The 1991/92 L.A.R.C. membership year is history! There are still a few that have not renewed for the new year. This year should be a good one for the club. The VE3YQT phone link is only weeks away. Tests are in work now which may lead to one or more UHF links with distant repeaters.

Renew today to retain your membership privileges

If your 92/93 dues are not received this month you will not receive the HI-Q in December, your Speed Dial number will be re-assigned.

Call Skip, VE3BBS at 767-2307 — Renew your membership today!

Journal of the Lakehead Amateur Radio Club

November



LARC 1992 SCHEDULE

SUN	MON	TUE	WED	THUR	FRI	SAT
1 Give Customs their pound of flesh!	2	3	4	5 7:00 P.M. Ham Class Note 1.	6	7 Note 2. Note 3. VG3W
8 Note 3. VG3W	9 Note 3. VG3W	10 Note 3. VG3W	11 Note 3. VG3W Remembrance Day	12 7:30 P.M. Meeting Note 1.	13	14 Note 2.
15	16	17	18	19 7:00 P.M. Ham Class Note 1.	20	21 Note 2.
22	23	24	25	26 7:00 P.M. Ham Class Note 1.	27	28 Note 2.
29	30	Notes: 1. Thursdays — Meeting and classes are held in Room 210, McIntyre Building, Confederation College. 2. Saturdays — 10:00 A.M. — Breakfast at the Blue Parrot, 367 Lisgar St. 3. Nov. 7-11 — Guelph ARC Special Event Station at the McCrea House Museum commemorating the fallen of both World Wars. Frequencies not known at this time.				

Journal of the Lakehead Amateur Radio Club

**Northwestern Ontario
Amateur Radio
Call-Book**
Second Edition
Distribution

Recent financial developments and the subsequent reassessment of LARC priorities have resulted in a distribution change for the second edition of the Call-Book. A number of factors contributed to the decision process.

First, was the unexpected number of record changes since the last issue. That led us to conclude that this edition would have to be a complete rewrite rather than simply a replacement issue of affected pages, as previously announced.

The second consideration was that we still hope to issue a more compact version of the Call-Book early in 1993 (wire bound and probably 5½ by 8½ inches).

The May, 1992 Call-Book production, duplication and distribution were donated by local members, and for that we are most appreciative. However, for this issue we must use a commercial duplication service because of the sheer volume of the work. If we use the same distribution list again this time, duplication costs alone would exceed \$400.00. Considering that our first issue was free to LARC members, your executive have decided they did not have authority to continue that distribution policy. Therefore, it was determined that a limited distribution for this issue was in the Club's best interest.

The bottom line is that the second edition of the Call-Book will be distributed only to those contributors who donated \$4.00 to cover production and distribution expenses and thereby registered with us for the follow-on update.

Morse Code Test Format Changed in United Kingdom

Britain's radio licensing authority, The Radio Communications Agency, has announced changes to the format of the 12 wpm Amateur Morse test. It has been decided that 12 wpm test should also be in a QSO format. This is considered to be better at preparing candidates for the sort of operating conditions they can expect to encounter "on-the-air". (Their 5 wpm code test is already in a QSO format.) The Agency believes the existing English text and numerals code test falls far short of preparing anyone to actually understand a live message on the air.

The new style test will be available effective January 1, 1993. A new procedure for the identification of candidates will also be introduced. Instead of written proof of identity, applicants will be required to bring to the test centre two recent passport-size photographs of themselves.

from W5YI Report

Ham Band Chaos in Germany?

We understand that the Deutsche Bundespost (German telecommunications regulating body) has proposed new regulations for radio amateurs in Germany. The new regulations totally deregulate amateur radio.

The new proposed rules will apparently abolish all specific mode subbands and licenses for special operations. The only guidelines there appear to be, is that amateurs may not interfere with other services.

The DARC (German Amateur Radio Society member of IARU) is suggesting some amendments to the Bundespost in order to prevent what they believe could be complete chaos. If DARC fails, the new regulations go into effect on Jan. 1, 1993.

from W5YI Report

Title CARF NEWS SPECIAL BULLETIN
5 October 1992
Issued at CARF Headquarters
P.O. Box 356
Kingston, ON, K7L 4W2
Packet Editor/Transmission: Steve Cutway VE3GRS
JOINT MERGER UP-DATE

Key Executive Members of CRRL and er 3, 1992 as an ad hoc RAC planning group. One of the major issues discussed by this group was the status of the legal and accounting work that is being done in order to complete the merger process. Merging the operations of two non-profit corporations is a complex procedure.

These transactions require the approval of Revenue Canada. The RAC incorporation papers have been filed with the Federal Government in Ottawa.

The planning group did the following:

- Affirmed maintaining the National Field Organization
- established a committee to study the National Capital Region headquarters office
- reviewed a proposed operational budget
- affirmed that all CARF and CRRL members will continue in RAC with all services intact

We will continue to keep you informed as matters progress. However, please remember, until everything is complete, your national organizations need your continued support -- buy memberships, renew memberships!

J.Farrell Hopwood VE7RD, President CARF

Dana Shtun, VE3DSS, President CRRL

October 5, 1992

73 de VE3VCA Steve VE3GRS at the keyboard

Canadian Radio Relay League Band Plan: - 144-148 MHz

(Revised March 1992)

Status: Amateur Exclusive

MHz		Recommended Utilization
144	-	144.1 Moonbounce and Terrestrial CW
		144.1 C CW Calling Frequency
144.1	-	144.2 CW/SSB Weak-Signal Communications
		144.2 S SSB Calling Frequency
144.2	-	144.275 AM Narrowband Modes (ACSSB, SSB Band Width ≤ 2.5 kHz.)
144.275-		144.3 Propagation Beacons
144.3	-	144.5 O Exclusive Oscar Satellite Sub Band
144.5	-	144.6 R/T FM Repeater inputs Primary, with Linear Translator inputs Secondary
144.6	-	144.9 R FM Repeater inputs
144.9	-	145.1 P Packet ¹
145.1	-	145.2 R/T FM Repeater outputs Primary, with Linear Translator outputs Secondary
145.2	-	145.5 R FM Repeater outputs
145.5	-	145.8 E Experimental modes ²
145.8	-	146.0 O Exclusive Oscar Satellite Sub Band
146.01	-	146.37 R FM Repeater inputs
146.4	-	146.58 FM Simplex ³
		146.52 F National FM Calling Frequency
146.61	-	147.39 R FM Repeater outputs
147.42	-	147.57 FM Simplex
147.6	-	147.99 R FM Repeater inputs

¹Digital (packet) operations on 20 kHz channeling 144.91 through 145.09 MHz. 10 channels.

²Operation in this band is on a TEMPORARY basis for experimentation and development work. CRRL requests that amateurs keep frequencies such as 145.5, 145.525, 145.55 and 145.750 MHz clear for INTERNATIONAL space shuttle, SAREX and MIR FM-voice communications. CRRL urges amateurs to conduct experiments on other bands such as 50 or 220 MHz, in areas where 2-metre utilization is high.

³The frequencies 146.40, 146.43 and 146.46 MHz continue to be used as repeater inputs in some areas.